

WHAT IS CLAIMED IS:

1. A loudspeaker comprising:
 - a spherical or hemispherical vibrator;
 - a first baffle board to mount the vibrator;
 - a second baffle board arranged with a space between the second baffle board and first baffle board; and
 - a plurality of spacers for connecting the first baffle board and second baffle board.
2. A loudspeaker as claimed in claim 1, wherein the vibrator has the natural resonant frequency higher than the desired bandwidth of the loudspeaker.
3. A loudspeaker as claimed in claim 1, wherein the first and second baffle boards have natural resonant frequencies which are lower than the natural resonant frequency of the vibrator.
4. A loudspeaker as claimed in claim 1, wherein the first baffle board and second baffle board have the natural resonant frequencies which are different from each other.
5. A loudspeaker as claimed in claim 4, wherein the first and second baffle boards have natural resonant

frequencies which are lower than the natural resonant frequency of the vibrator.

6. A loudspeaker as claimed in claim 1, wherein the resonance frequency of the space is different from the natural resonant frequency of the vibrator, and different from the natural resonant frequencies of the baffle boards.

7. A loudspeaker as claimed in claim 1, wherein the resonance frequency of the space is lower than the natural resonant frequency of the vibrator.

8. A loudspeaker as claimed in claim 6, wherein the resonance frequency of the space is lower than the natural resonant frequency of the vibrator.

9. A loudspeaker as claimed in claim 1, wherein the resonance frequency of the space is higher than one of said first and second baffle boards, and lower than the other of said first and second baffle board.

10. A loudspeaker as claimed in claim 6, wherein the resonance frequency of the space is higher than one of said first and second baffle boards, and lower than the other of said first and second baffle board.

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